

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(Includes Reference to PCT International Applications)

Attorney's Docket Number

091-0109

U.S. Application No. (if known)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# POLARIZATION DIVISION DUPLEXING WITH CROSS POLARIZATION INTERFERENCE CANCELLER

|                      |   |   |   |                      | I          |  |  |
|----------------------|---|---|---|----------------------|------------|--|--|
| he specificati       | on of which   |   |   |                      |            |  |  |
| $\boxtimes$          | is attached hereto  |   |   |                      |            |  |  |
|                      | OR  |   |   |                      |            |  |  |
|                      | was filed as United States Application Number or PCT International Application Number |   |   |                      |            |  |  |
| on                   |   |   |   |                      |            |  |  |
| <u> -</u>            | and was amended   |   |   |                      |            |  |  |
| on on                |   | (if applicable)   |   |                      |            |  |  |
| 1 <u>0</u>           |   |   |   |                      |            |  |  |
| Lhereby state        | that I have reviewed and und eferred to above.  | erstand the contents of the above-identified  | specification, including the claims, a                  | s amended by any     |            |  |  |
|                      | eleffed to above.   |   |   |                      |            |  |  |
| i.⊌<br>hacknowledg   | e the duty to disclose informat   | ion which is material to the patentability of th  | is application in accordance with Tit                   | le 37, Code of Fed   | eral       |  |  |
| Regulations,         | §1.56.  |   |   |                      |            |  |  |
|                      | s the honefit under Title 35. Ur  | nited States, §119 (e) of any United States p   | rovisional application(s) listed below                  |                      |            |  |  |
| rgereby clair        | n the penelit under Thie 55, Of   | med States, 3113 (c) of any officer states p  | 10101011011011011(a) 1111111111111111111111111111111111 |                      |            |  |  |
| t⊌<br>(Application I | Number)   | (Filing Date)   |   |                      |            |  |  |
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| (Application I       | Number)   | (Filing Date)   |   |                      |            |  |  |
|                      |   |   |   |                      |            |  |  |
| certificate or       | \$265 (a) of any DCT internation  | r Title 35, United States Code, §119 (a)-(d) nal application(s) which designated at least application(s) for patent or inventor's certificative is claimed: | one country other than the United Si                    | tates of America, i  | Stea nelow |  |  |
| PRIOR FOR            | EIGN/PCT APPLICATION(S)   | AND ANY PRIORITY CLAIMS UNDER 35 U  | .S.C. 119:  |                      |            |  |  |
| (if P                | COUNTRY<br>CT, indicate "PCT")  | APPLICATION NUMBER  | DATE OF FILING<br>(day, month, year)                    | PRIORITY<br>UNDER 35 |            |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |
|                      |   |   |   | □YES                 | □NO        |  |  |

### Combined Declaration For Patent Application and Power of Attorney (Continued)

(Includes Reference to PCT International Applications)

Attorney's Docket Number

091-0109

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365 of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

### PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

|                         | U.S. APPLICATIONS      |  | ST       | ATUS (Check o | ne)       |
|-------------------------|------------------------|--|----------|---------------|-----------|
| U.S. APPLICATION NUMBER | U.S. FIL               | ING DATE                                 | PATENTED | PENDING       | ABANDONED |
|                         |                        |  |          |               |           |
|                         |                        |  |          |               |           |
| PCT AP                  | PLICATIONS DESIGNATING | THE U.S.                                 |          |               |           |
| PCT APPLICATION NO.     | PCT FILING DATE        | U.S. SERIAL NUMBERS<br>ASSIGNED (if any) |          |               |           |
|                         |                        |  |          |               |           |
|                         |                        |  |          |               |           |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number); Charles T. Silberberg, Reg. No. 26,584; Harry B. Field, Reg. No. 27,880; Terje Gudmestad, Reg. No. 32,232; John R. Rafter, Reg. No. 28,533; and Thomas W. Hennen, Reg. No. 27,798; all attorneys with The Boeing Company, Seattle, King County, Washington; and Michael A. Shimokaji, Reg. No. 32,303 and each principal, attorney of counsel, associate and employee of DiPinto & Shimokaji, P.C., viiting is a registered Patent Attorney or Agent.

| 100          | d Corresponden                          |                            |                          | Direct Telephone Calls to:<br>(name and telephone number) |  |
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of

| the application or any patent issuing thereon. | <u> </u>                   |                           |
|--|----------------------------|---------------------------|
| SIGNATURE OF INVENTOR 201                      | SIGNATURE OF ANYENTOR 2021 | SIGNATURE/OF INVENTOR 203 |
| - 1 100 -                                      | 1 000                      | DATE                      |
| DATE 1/7/07                                    | DATE 1.7.07                | 1/2/02                    |
| 1/1/06   | 100                        |                           |